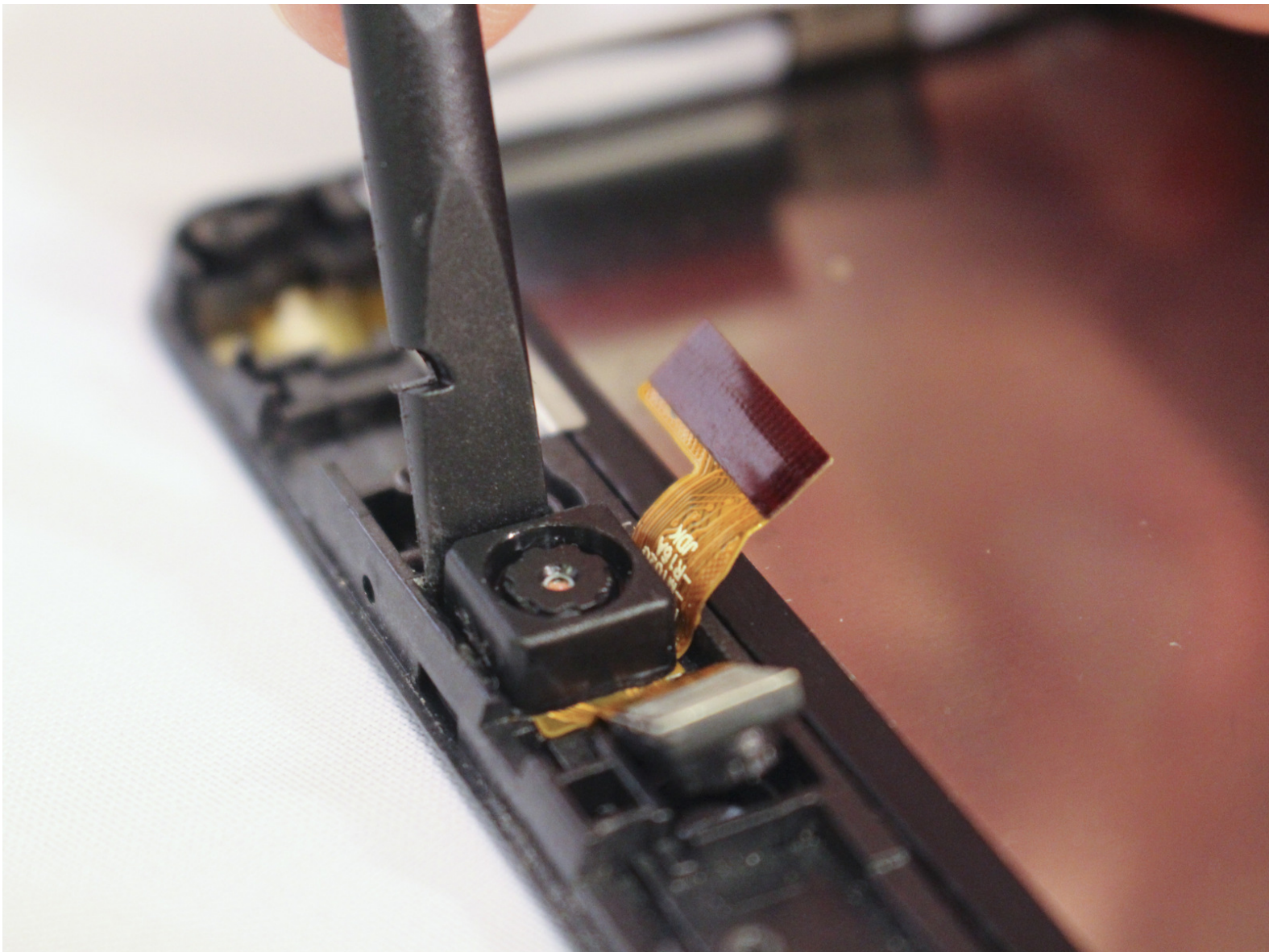




# Insignia Flex 7 Camera Assembly Replacement

This guide outlines the removal and replacement of the Insignia Flex 7's camera assembly.

Written By: Rose



## INTRODUCTION

If your device is not taking picture-perfect photos or even worse still no photos at all, it may be necessary to replace the camera assembly of the tablet. The Flex 7 has both an Internal and an External camera. Both of these components are permanently connected and are therefore manufactured as a single part - the camera assembly. Removal of this camera assembly will require replacement of the motherboard first, since the internal camera is buried under the motherboard.

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### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Metal Spudger](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
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## Step 1 — Battery



- Insert the edge of the plastic opener into the groove between the screen and back cover around the perimeter of the device.
- Then using a gentle prying motion, create a gap large enough to use your fingers to separate the two halves.

## Step 2



- Place the tip of the spudger on each side of the battery's electrical connector.
- Then using a gentle match-striking motion, loosen both sides of the battery's electrical connector.

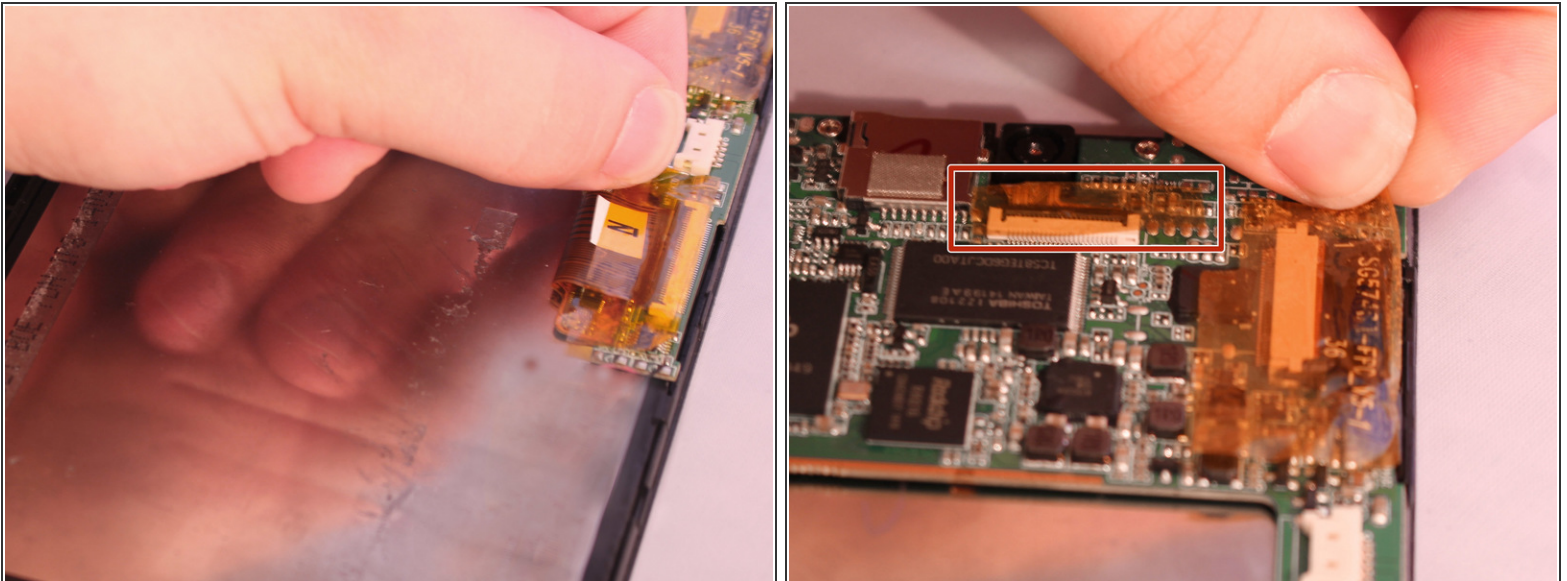


## Step 3



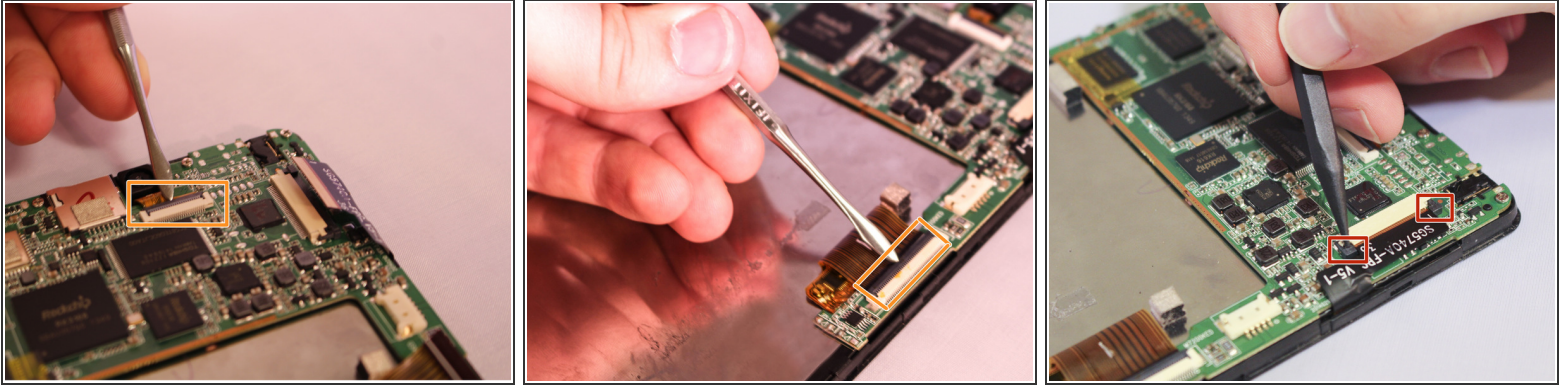
- Insert the flat end of the spudger under one side of the battery.
- Then using a gentle prying and sliding motion, separate the battery from the case. There are two lengthwise strips of glue holding it down.
- Repeat the process for the other side of the battery.

## Step 4 — Motherboard



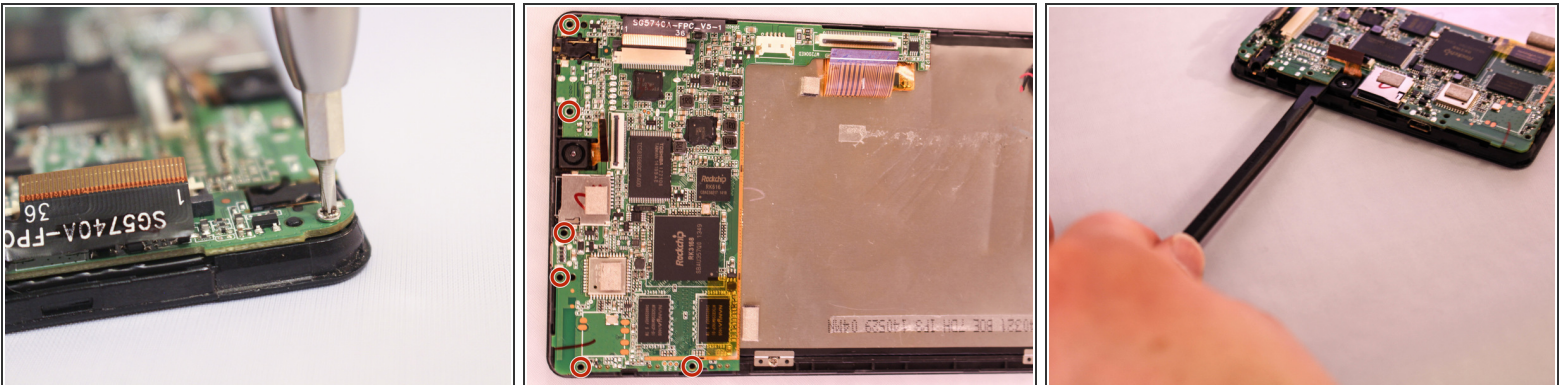
- Locate the three ribbon cables connecting components to the motherboard. The connections are covered with orange shielding tape. Peel the tape off the connectors and reserve for reassembly.

## Step 5



- Each Zero Insertion Force or ZIF connector has a latch which holds the ribbon cable in place. The camera cable (a) and the LCD display cable (b) have a latch that lifts as shown in the illustration. Use a spudger to gently lift the latch to release the cable.
- The touchscreen cable (c) has a sliding latch on each side of the connector. Use a spudger to carefully slide the latch on each side as shown to release the cable.

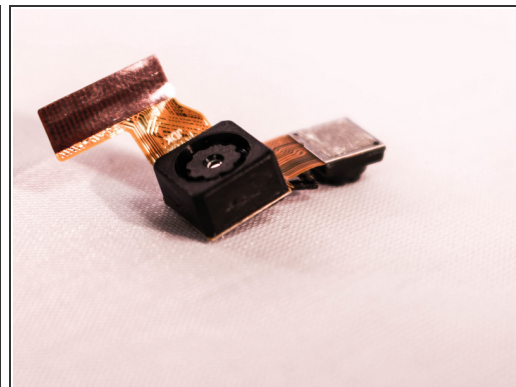
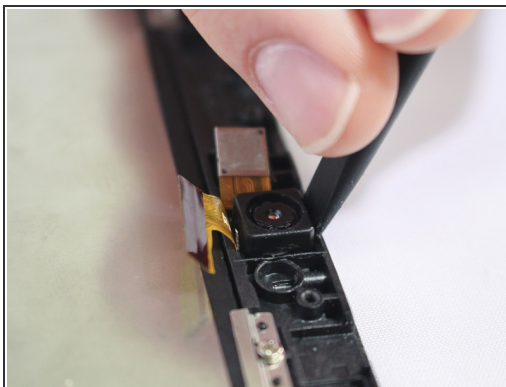
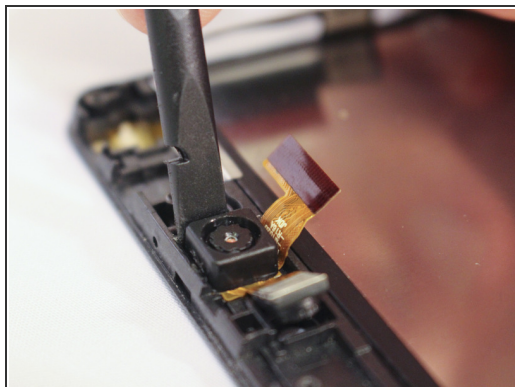
## Step 6



- Using a Phillips #000 screwdriver, unscrew the six 4.8mm screws holding the motherboard to the case.
- Using the spudger lift the motherboard from the case.



## Step 7 — Camera Assembly



- Insert the flat end of the spudger into the groove between the external camera and the tablet's plastic case. Then, applying a gentle prying motion on both sides of the camera, loosen the glue holding down the external camera to separate it from the plastic case.

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To reassemble your device, follow these instructions in reverse order.

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